



An annual [maintenance plan](#) that spells out day-by-day operations is prepared. The plan includes instructions regarding pesticide and fungicide management, irrigation management, mowing, aerification and turf grass management. The tees, greens and fairways are inspected daily before the course is open for play to identify possible disease, problem areas and overall course conditions.

Tees, Fairways, Bunkers, Greens, Roughs and Banks



The turf grasses are in excellent condition. Tees, fairways and greens are firm and dry which is accomplished by not over watering. Hand syringing ensures surfaces are not over watered.

Adequate equipment ensures proper maintenance of the course. All equipment is maintained in accordance with manufacturers specifications, and a replacement schedule is carefully followed.

Teeing surfaces are level and closely cropped. Due to extreme use, tees require a high level of maintenance; therefore, they are hand syringed daily and mowed 3 times a week to within 1/2 to 5/8 inch. Tee markers are moved daily. A mixture of sand and seed is available on each golf car for filling divots. The tees are aerified twice yearly and top dressed monthly during the playing season.

Fairways are kept firm and dry. Normally they are mowed in the early afternoon when turf grass is dry. The fairways are mowed 4 times a week during the playing season and are closely cropped. They are mowed at a height of 1/2 to 5/8 inch, at 25 to 35 yards.

Bunkers are considered a part of the playing surface; therefore, the sand used packs easily and does not shift under pressure. The rims and edges of the bunkers are detailed and cut weekly. There are two rakes placed around each bunker.

The greens are mowed 7 days a week, at a height of cut set at 5/32 to 3/16 inch, in the early morning. The cup placement is rotated at least 3 times weekly to ensure surface is not overplayed.

Roughs and Banks are maintained at the same quality as the fairway. They are cut at 1 1/4 to 2 inches, starting at the edge of the fairway outward, to the out-of-bounds area. They are free of weeds and debris that can inhibit shotmaking.

Irrigation System



The [irrigation system](#) is a fully automatic, valve-in-head system that is primarily operated at night from a centrally located computer. The system can also be operated from the field using strategically located

satellite stations. The computer is linked to an on site weather station that is used to make better irrigation decisions. The source of water is contained in two holding ponds located on the golf course. During exceptionally dry periods an additional water supply is available from the local municipality.

Maintenance Facilities



The [maintenance facility](#) encompasses 8,000 square feet, including a 4,000 square foot maintenance building. A covered storage shed is used to store tractors and mowers, with bins to store sand and mulch. A chemical storage and pesticide mixing facility, approved by the Environmental Protection Agency, is located adjacent to the entrance of the facility. The facility has a wash-down stand with a water, grass and oil separator.

The maintenance building includes areas for:

- administration.
- vehicle maintenance.
- welding.
- irrigation system computer.
- emergency eyewash and skin cleansing.
- employee breaks.
 - rest rooms
 - lockers

Car Storage



Golf cars are stored in a covered car building. This building is equipped to recharge cars and also has an area for minor maintenance. Cars are cleaned after each use so they are always ready for the next customer.

Environmental Concerns



A [Department of Defense Certified Pesticide Applicator](#)

supervises the mixing and application of chemicals.

The installation commander ensures that all applicable environmental law and regulations are being followed.

Environmental assessments are routinely conducted by the local installation environmental office and include a review of:

- chemical storage facilities.
- underground storage tanks.
- pesticide and fungicide application practices.
- use of fertilizers.
- disposal of hazardous materials.
 - golf course infrastructure including an analysis of:
 - drainage and irrigation systems.
 - quality of surface and groundwater sources.
 - water use and storm water management.
- published maintenance standards.
- training practices.

- waste disposal.
- recycling plans.

The review results in a comprehensive analysis, including recommendations to bring the golf course up to standard and a program action plan.